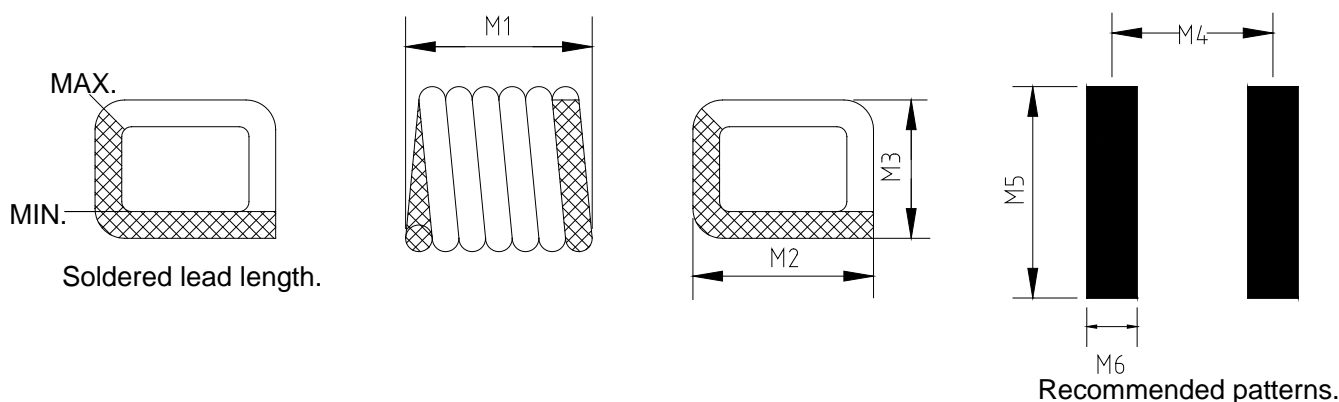


# SPECIFICATION FOR APPROVAL

※This is a RoHS and REACH compliant product whose related documents are available on request.

※Graphic is only for dimensionally application.

## 1. MECHANICAL DIMENSION



UNIT :mm

Part number	M1	M2	M3	M4	M5	M6
LSQ0908A-8N1□	1.473±0.152	2.134±0.152	1.829±0.152	1.12	2.8	0.64
LSQ0908A-12N□	1.854±0.152	2.134±0.152	1.829±0.152	1.45	2.8	0.64
LSQ0908A-15N□	1.549±0.152	2.134±0.152	1.829±0.152	1.24	2.8	0.64
LSQ0908A-17N□	2.210±0.152	2.134±0.152	1.829±0.152	1.83	2.8	0.64
LSQ0908A-22N□	2.565±0.152	2.134±0.152	1.829±0.152	2.18	2.8	0.64
LSQ0908A-23N□	2.235±0.152	2.134±0.152	1.829±0.152	1.90	2.8	0.64
LSQ0908A-25N□	2.972±0.152	2.134±0.152	1.829±0.152	2.57	2.8	0.64
LSQ0908A-27N□	2.972±0.152	2.134±0.152	1.829±0.152	2.57	2.8	0.64

## 2. ELECTRICAL SPECIFICATION

Part number	Turns	Inductance (nH)	Inductance Tolerance	Q MIN.	Test Frequency (MHz)	DC Resistance (mΩ) MAX.	SRF (GHz) TYP.	Rated Current (A) MAX.
LSQ0908A-8N1□	3	8.1	G,J	130	400	6.0	5.2	4.4
LSQ0908A-12N□	4	12.1	G,J	130	400	7.0	4.3	4.4
LSQ0908A-15N□	4	14.7	G,J	90	400	7.2	3.0	4.4
LSQ0908A-17N□	5	16.6	G,J	130	400	8.0	3.4	4.4
LSQ0908A-22N□	6	21.5	G,J	130	400	9.0	3.7	4.4
LSQ0908A-23N□	6	23.0	G,J	130	400	10.0	2.6	4.4
LSQ0908A-25N□	7	25.0	G,J	130	400	10.0	2.5	4.4
LSQ0908A-27N□	7	27.3	G,J	130	400	10.0	3.2	4.4

TEST INSTRUMENT : HP4291B / FIXTURE HP16193A

NOTE :

1. □Tolerance : G:±2%, J:±5%
2. Inductance & Q measured on the HP4291B. With HP16193A test fixture.
3. SRF measured using the HP8753E
4. Operating temperature range: -25°C to +125°C.
5. Storage temperature range:component:-25°C to +85°C.
6. Electrical specifications at 25°C.
7. MSL : LEVEL 1

# SPECIFICATION FOR APPROVAL

## 3. CHARACTERISTIC CURVE

